

Title (en)
ELECTRONIC DEVICE INCLUDING SHIELD CAN

Title (de)
ELEKTRONISCHE VORRICHTUNG MIT ABSCHIRMDOSE

Title (fr)
DISPOSITIF ÉLECTRONIQUE COMPRENANT UN BOÎTIER DE BLINDAGE

Publication
EP 4138533 A1 20230222 (EN)

Application
EP 21787685 A 20210312

Priority
• KR 20200046872 A 20200417
• KR 2021003083 W 20210312

Abstract (en)
The present disclosure relates to an electronic device including a shield can. An electronic device according to one embodiment of the present disclosure may comprise a first printed circuit board including a first surface facing a first direction and a second surface facing a second direction that is the opposite direction of the first direction, a second printed circuit board disposed spaced apart from the first printed circuit board and including a third surface facing the first direction and a fourth surface facing the first surface of the first printed circuit board, at least one electronic component disposed on the first printed circuit board and the second printed circuit board; an interposer positioned between the first printed circuit board and the second printed circuit board and electrically connecting the first printed circuit board and the second printed circuit board, and a shielding structure positioned in at least one area of the third surface of the second printed circuit board and electromagnetically shielding the at least one electronic component.

IPC 8 full level
H05K 9/00 (2006.01); **H05K 1/11** (2006.01); **H05K 1/14** (2006.01); **H05K 3/36** (2006.01)

CPC (source: EP KR)
H04B 1/38 (2013.01 - EP KR); **H04M 1/0277** (2013.01 - EP KR); **H05K 1/115** (2013.01 - KR); **H05K 1/141** (2013.01 - KR); **H05K 1/144** (2013.01 - EP KR); **H05K 3/363** (2013.01 - KR); **H05K 9/0028** (2013.01 - EP KR); **H05K 1/141** (2013.01 - EP); **H05K 2201/042** (2013.01 - EP KR); **H05K 2201/10371** (2013.01 - EP KR); **H05K 2201/10378** (2013.01 - EP KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4138533 A1 20230222; **EP 4138533 A4 20230906**; KR 20210128782 A 20211027; WO 2021210788 A1 20211021

DOCDB simple family (application)
EP 21787685 A 20210312; KR 20200046872 A 20200417; KR 2021003083 W 20210312